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PHOTOGRAPHIC INTERPRETATION REPORT

**LENINGRAD SAM TRAINING FACILITY
USSR**

**Declass Review by
NIMA/DOD**

DECEMBER 1967
COPY 117
7 PAGES

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
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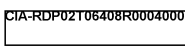
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PREFACE

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This photo interpretation report is based on [redacted] photography of [redacted]. No significant change to this installation has been observed on coverage as recent as [redacted].

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All mensuration in the report was prepared by NPIC/TID and does not reflect numerical roundoff unless otherwise noted. Horizontal measurements are accurate to within plus or minus 5 feet or 5 percent, whichever is greater. Vertical measurements are accurate to within plus or minus 10 feet.

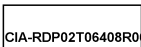
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The precision target plot is rectified in relation to camera distortions but makes no correction for displacement due to ground relief.

An equipment count is not included in this report. It suffices to say that missiles, launchers, and radars have been observed at the SAM sites; a radar, a portion of a missile, and launchers have been seen at the SA-5 training sites; and radars have been observed at the air-warning radar facility.

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LENINGRAD SAM TRAINING FACILITY, USSR

This facility is located 25 nautical miles (nm) east-northeast of Leningrad, USSR, at 60-07-10N 30-59-20E (Figure 1). When first observed in [] the facility (Figure 2) consisted of 2 SA-2 sites, a support area, and a small-arms firing range. [] photography revealed a Leningrad-type (Griffon) training site in the southeast corner of the facility. An SA-3 site was under construction in the northeast corner of the facility in [] and was completed by []. A Tallinn-type SA-5 training site approximately 700 feet east of the southern SA-2 site was under construction in [] and probably was completed within a year.

The southern fan-shaped SA-2 site consists of 6 drive-through launch positions with only one revetted position, 70 feet in interior diameter. The central guidance revetment is drive-in and oval-shaped, 105 by 60 feet. The north-south diameter of the site is []. Two buildings adjacent to the site probably serve missile checkout or missile storage functions.

The northern fan-shaped SA-2 site is composed of 6 revetted launch positions, 90 feet in interior diameter. The central guidance is a drive-in, oval-shaped revetment, []. The north-south diameter of the site is [].

The J-configuration SA-3 site is composed of 4 launch positions, a central guidance, and a missile-hold building, all revetted. Each semicircular launch revetment is [] in interior width and is cable-connected to the central guidance. The horseshoe-shaped central guidance revetment is []. The missile-hold building is revetted immediately west of the site. Farther west is another revetted building, [], possibly serving as central receiving for missiles at the facility.

The Leningrad-type (Griffon) training site consists of a curved missile-ready building with a small rectangular building adjacent to it and a long rectangular building. Track beds project from the missile-ready building and appear to merge at a point [] away.

The Tallinn-type SA-5 training site is separately secured. This site is composed of a probably concrete, circular apron [] in diameter, with a launch position on the east and west sides of, and tangent to, the circular apron. Rails apparently connect each launch point with an environmental shelter. The shelter is [] feet at the eastern launch position and [] feet at the western position. A [] structure is on the northern edge of the apron.

Missiles and missile equipment have been observed at the SAM sites at various times. Launchers, a radar, and approximately [] of the forward section of a missile have been seen at or near the SA-5 training sites.

The separately secured air-warning radar facility consists of 6 mounded radar positions, 4 parking aprons, and a central control. The 6 radar positions are arranged in 2 parallel rows of 3 positions each. The positions vary from [] apart and the rows are [] apart. Two parking aprons are at the north and south sides of the facility. The fenced, centrally located control area contains a van.

The separately secured support area is divided into an administrative area, a barracks area, and a motor pool/general storage area.

The administrative area consists of 3 large, identical, U-shaped buildings; 3 medium-sized buildings; and 2 small buildings.

The barracks area is composed of 5 large, identical, rectangular buildings; 9 smaller, identical buildings; 6 other major structures; 14 miscellaneous structures; and an athletic field.

The motor pool/general storage area consists of a thermal plant, a water stand-pipe, 6 major buildings, 1 probable garage, and 9 miscellaneous buildings.

A substation is located on the north side of the support area and a small-arms firing range is between the air-warning radar facility and the support area.



FIGURE 1. LOCATION OF LENINGRAD SAM TRAINING FACILITY.

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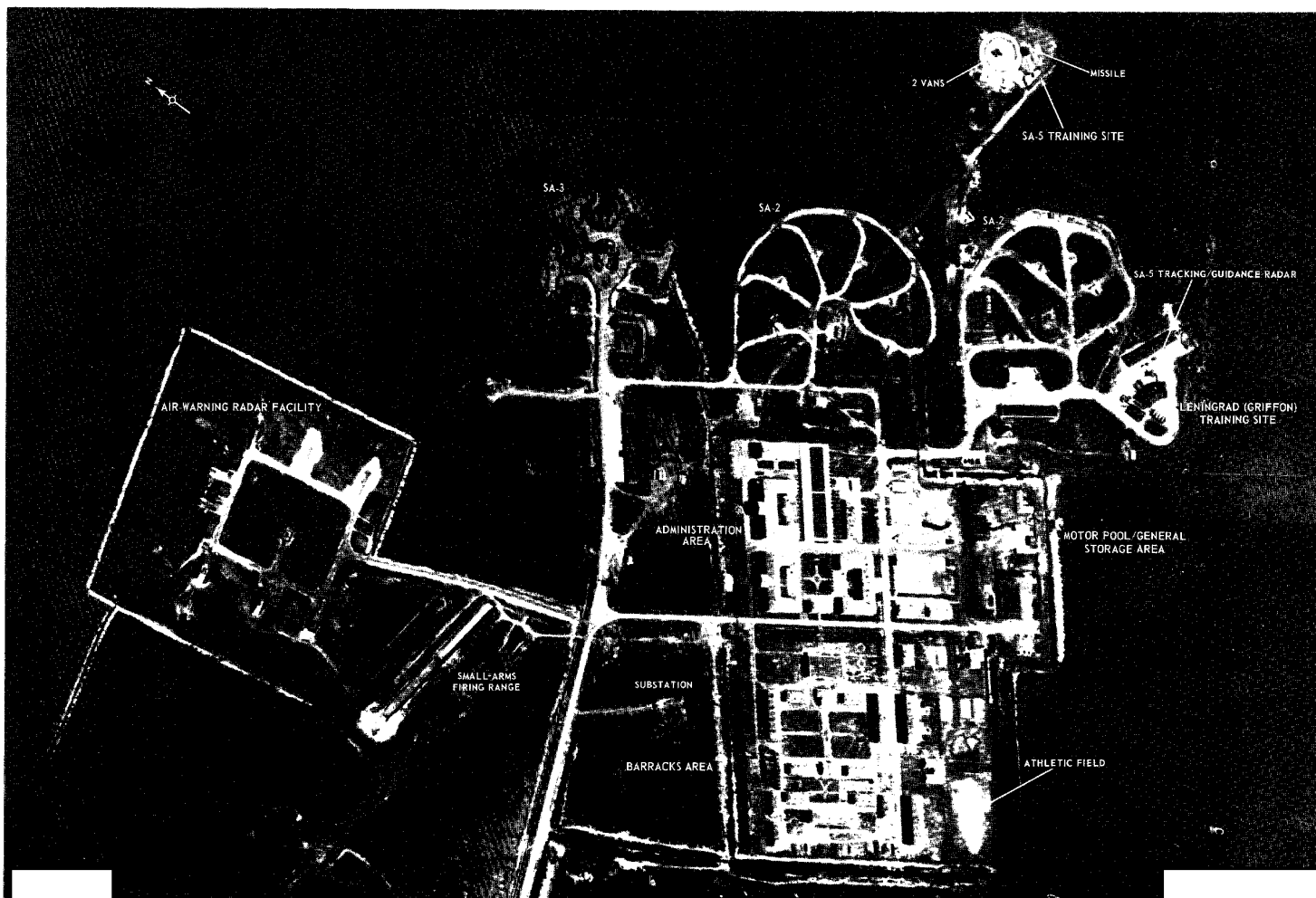
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FIGURE 2. LENINGRAD SAM TRAINING FACILITY.

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ROAD/HARDSTAND
DIRT ROAD
TRAIL/SIDEWALK
FENCE
WALL
CABLE SCAR
GROUND SCAR
DITCH
POWERLINE
PROB POWERLINE
CLEARING
GRADED AREA
REVIEWMENT
EARTH MOUND
TRACK BED

100 0 250
FEET

SCALE 1:3000
NOT REPRODUCED AT A LARGER SCALE
FOR REPRODUCTION PURPOSES



ITEM	DESCRIPTION	ROOF TYPE
1	TOWER	
2	REVIEWED BLDG	FLAT
3	REVIEWED MISSILE HOLD BLDG	FLAT
4	SECURED STRUCTURE	
5	RADAR TOWER	
6	STRUCTURE	GABLE
7	SECURED BLDG	
8	SUPPORT BLDG	FLAT
9	BLDG	
10	BLDG	
11	BLDG	FLAT
12	ENVIRONMENTAL SHELTER	

ITEM	DESCRIPTION	ROOF TYPE
13	STRUCTURE	
14	ENVIRONMENTAL SHELTER	
15	STRUCTURE	
16	SUPPORT BLDG	FLAT
17	CURVED MISSILE-READY BLDG	
18	SUPPORT BLDG	
19	BLDG	FLAT
20	SUPPORT BLDG	FLAT
21	SUPPORT BLDG	GABLE
22	BLDG	FLAT

ITEM	DESCRIPTION	ROOF TYPE
23	STRUCTURE	
24	PROB GUARDHOUSE	
25	PROB GUARDHOUSE	
26	SUPPORT BLDG	
27	SUPPORT BLDG	
28	SUPPORT BLDG	
29	BLDG	FLAT
30	WATER STANDPIPE	FLAT

ITEM	DESCRIPTION	ROOF TYPE
31	BLDG	
32	PROB STORAGE SHED	
33	PROB STORAGE SHED	
34	PROB STORAGE BLDG	
35	THERMAL PLANT	
36	RAMP	

ITEM	DESCRIPTION	ROOF TYPE
37	STACK	
38	PROB VEHICLE SHED	
39	BLDG	
40	PROB VEHICLE SHED	
41	PROB VEHICLE MAINTENANCE BLDG	FLAT
42	BLDG	FLAT
43	BLDG	FLAT
44	BLDG	GABLE
45	PROB STORAGE SHED	
46	SUPPORT BLDG	HIP
47	BLDG	GABLE
48	WAREHOUSE-TYPE BLDG	HIP
49	WAREHOUSE-TYPE BLDG	HIP
50	BLDG	FLAT
51	WAREHOUSE-TYPE BLDG	GABLE
52	PROB ADMIN BLDG	HIP
53	STRUCTURE	
54	3 PROB ADMIN BLDGS	HIP
55	SUPPORT BLDG	GABLE
56	SUPPORT BLDG	GABLE
57	PROB ADMIN BLDG	HIP
58	STRUCTURE	
59	PROB ADMIN BLDG	HIP
60	PROB ADMIN BLDG	FLAT
61	PROB ADMIN BLDG	HIP
62	9 BARRACKS-TYPE BLDGS	HIP
63	5 BARRACKS-TYPE BLDGS	HIP
64	BARRACKS-TYPE BLDG	FLAT
65	BLDG	FLAT
66	BLDG	FLAT
67	STRUCTURE	GABLE
68	PROB ADMIN BLDG	HIP
69	PROB SUPPORT BLDG	FLAT
70	2 WINGS	FLAT
71	2 U-SHAPED BLDGS	FLAT
72	2 WINGS	FLAT
73	STRUCTURE	
74	U-SHAPED BLDG	
75	2 WINGS	
76	LOW-VOLTAGE SWITCHING BLDG	FLAT
77	GUARDHOUSE	
78	PROB RANGE CONTROL BLDG	STRUCTURE

*OVERALL DIMENSIONS
**AVERAGE HEIGHT

FIGURE 3. LAYOUT OF LENINGRAD SAM TRAINING FACILITY.

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REFERENCES




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MAPS OR CHARTS

ACIC series, scale 1:200,000



RELATED DOCUMENTS

NPIC. R-101/63, *Possible Antimissile Missile Training Facility at the SAM Training Facility C-06, Leningrad, USSR*, Jun 63 (TOP SECRET 

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NPIC. R-131/63, *SA-2 SAM Training Facilities in the USSR*, Jul 63 (TOP SECRET 

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NPIC.  *Leningrad AMM/SAM Launch Complexes, USSR, Changes and Additions, March 1965*, Jun 65 (TOP SECRET 

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REQUIREMENT

CIA. C-RR5-82,637

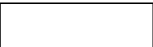
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